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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re application of

Kim et al.

Confirmation No.: 3477

Serial No.: 09/918,938

Filed: July 31, 2001

For: "VISUALATIZATION AND MANIPULATION
OF BIOMOLECULAR RELATIONSHIPS
USING GRAPH OPERATORS"

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

NEEDLE & ROSENBERG, P.C.
Suite 1200, The Candler Building
127 Peachtree Street, N.E.
Atlanta, Georgia 30303-1811

March 8, 2002

Sir:

Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying form PTO 1449 is a listing of documents known to the applicants and/or their attorneys. Copies of these documents are enclosed.

Consideration of the cited documents and making the same of record in the prosecution of the above-noted application are respectfully requested.



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Applicant believes that this Information Disclosure Statement is being filed in accordance with 37 C.F.R. § 1.97(b)(3), i.e., before the mailing date of the first Office action on the merits. Therefore, no fee is believed to be due. However, if a fee is required, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.

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Registration No. 41,074

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on the date listed below.

Robert A. Hodges

3/8/2002
Date



Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE				ATTORNEY DOCKET NO.: 01173.0007U2			SERIAL NO. 09/918,938 CONFIRMATION NO. 3477	
LIST OF INFORMATION CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT: Kim et al.				
				FILING DATE: July 31, 2001			GROUP: 2857	
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILED DATE OF APPROPRIATE TECHNICAL CENTER MAY 18 2002	
FOREIGN PATENT DOCUMENTS								
OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)								
	A1	Bairoch. The Enzyme Database in 2000. <i>Nucl. Acids Res.</i> 28:304-305 (2000)						
	A2	Ben-Dor et al. Clustering gene expression patterns. <i>J. Comput. Biol.</i> 6(3/4): 281-297 (1999)						
	A3	Boguski et al. Biosequence Exegesis. <i>Science</i> 286(5439):453-455 (1999)						
	A4	Brown and Botstein. Exploring the new world of the genome with DNA microarrays. <i>Nat. Gene.</i> 21(1 Suppl):33-7 (1999)						
	A5	Chan et al. Microfabricated polymer devices for automated sample delivery of peptides for analysis by electrospray ionization tandem mass spectrometry. <i>Anal. Chem.</i> 71(20):4437-44 (1999)						
	A6	Cheng and Church. Biclustering of expression data. <i>ISMB</i> 93-103 (2000)						
	A7	Cherry et al. Genetic and physical maps of <i>Saccharomyces cerevisiae</i> . <i>Nature</i> 387(6632 Suppl.):67-73 (1997)						
	A8	Cherry et al. <i>Saccharomyces</i> Genome Database, http://genome-www.stanford.edu/Saccharomyces/						
	A9	Eisen et al. Cluster analysis and display of genome-wide expression patterns. <i>Proceedings of the Nat. Acad. Sci. USA</i> 95(25):14863-8 (1998)						
	A10	Forst and Schulten. Evolution of Metabolisms: A new method for the comparison of metabolic pathways using genomics information. <i>J. Comput. Biol.</i> 6:343-360 (1999)						
	A11	The Gene Ontology Consortium, Gene Ontology: tool for the unification of biology. <i>Nat. Gene.</i> 25: 25-29 (2000)						
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A15 \	Marcotte et al. A combined algorithm for genome wide prediction of protein function. <i>Nature</i> 402: 83-86 (1999)
A16 \	Ogata et al. Analysis of binary relations and hierarchies of enzymes in the metabolic pathways. <i>Biosys.</i> 47: 119-128 (1998)
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A18 \	Robinson. Comparison of labeled trees with valency three. <i>J. Combin. Theor.</i> 11:105-119 (1971)
A19 \	Rohlf. Consensus indices for comparing classifications. <i>Math. Biosci.</i> , 59:313-144 (1982)
A20~	Samudrala and Moul. A Graph-theoretic Algorithm for Comparative Modeling of Protein Structure. <i>J. Mol. Biol.</i> 279:287-302 (1998)
A21~	Sharan and Shamir. CLICK: A clustering algorithm with applications to gene expression analysis. <i>ISMB</i> 2000, 307-316 (2000)
A22 \	Spellman et al. Comprehensive identification of cell cycle-regulated genes of the yeast <i>Saccharomyces cerevisiae</i> by microarray hybridization. <i>Mol Biol Cell</i> 9(12):3273-97 (1998)
A23 \	Steel and Penny. Distributions of tree comparison metrics. <i>Systematic Biology</i> 42:126-141 (1993)
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A26 \	Uetz et al. A comprehensive analysis of protein-protein interactions in <i>Saccharomyces cerevisiae</i> . <i>Nature</i> 403(6770):623-7 (2000)
A27 \	Xenarios et al. DIP: the database of interacting proteins. <i>Nucl. Acids Res.</i> 28:289-91(2000)

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.